

HAND RECEIPT

**COVERING CONTENTS OF COMPONENTS OF
END ITEM (COEI), BASIC ISSUE ITEMS (BII),
AND ADDITIONAL AUTHORIZATION LIST (AAL)**

FOR

**WATER DISTRIBUTION SYSTEM (WDS)
MODEL WDS 20K (4610-01-120-7529)
MODEL WDS 40K (4610-01-114-1451)
MODEL WDS 300K (4610-01-114-1453)
MODEL WDS 800K (4610-01-114-1450)
MODEL WDS 1,000K (4610-01-114-1452)**

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

*This manual supersedes TM 5-4610-228-10-HR, dated 30 July 1990.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
15 JANUARY 1993**

TECHNICAL MANUAL
NO. 5-4610-228-10-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 JANUARY 1993

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MODEL WDS 1,000K (4610-01-114-1452)

Current as of 23 November 1992

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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I This manual supersedes TM 5-4610-228-10-HR, dated 30 July 1990.

Section I. INTRODUCTION

1. SCOPE. This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the Water Distribution System.

2. GENERAL.

a. Section 11 is the overprinted DA Form 2062 which lists the line item entry for system/end item and the content of COEI, BII, and AAL extracted from TM 5-4610-223-13. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-4610-223-13.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations will comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies may be requisitioned from the U.S. Army Publications Distribution Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896, in accordance with Chapter 12, AR 25-30.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to DA Pam 710-2-1, Chapter 6, for additional information required to complete DA Form 2062.

a. FROM. Enter the organization, unit, section or squad which issues the property.

b. TO. Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.

c. HAND RECEIPT NUMBER. Enter a locally designated number. Use it to post the location of property in the property book.

d. END ITEM STOCK NUMBER. Contains the National Stock Number (NSN) of the end item covered by the hand receipt.

e. END ITEM DESCRIPTION. Contains the end item short title.

f. PUBLICATION NUMBER. Contains the TM number of the technical manual containing the operator/crew instructions for the equipment.

g. PUBLICATION DATE. Date of the operator/crew technical manual.

h. QUANTITY. Quantity of the end item covered by this hand receipt.

i. STOCK NUMBER (column a). National stock number of the item described. Items without stock numbers should be requisitioned by Commercial and Government Entity Code (CAGEC) and part number with exception data in accordance with AR 710-2.

j. ITEM DESCRIPTION (column b). Enter a description of the end item, to include the make or model, and the serial/USA number, followed by item description of COEI, BII, and AAL items. In addition, it will contain the 5-digit Commercial and Government Entity Code (CAGEC), Part Number (P/N), and "Used On Code," if applicable.

k. * (column c). The Accounting Requirements Code (ARC) is provided here. One of the following ARC's will apply:

NOTE

The Accounting Requirements Code (ARC) refers to property accountability, not the Recoverability Code (RC). The ARC and the RC are listed in the Army Master Data File (AMDF).

N - Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.

D - Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSC's 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280; and any other nonconsumable with a price in excess of \$50.00 not already "N".

X - Expendable: Items regardless of type classification or price and which are consumed in use. Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less and not already "N" or "D".

i. SEC (column d). The Controlled Inventory Item Code (formerly SEC code) is entered here. This is a one-position code which indicates the security classification, security risks, or pilferage controls required for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable. Codes applicable to this hand receipt are as follows:

| SEC CODE | CONTROLLED INVENTORY ITEM CODE |
|----------|---|
| U | UNCLASSIFIED PILFERABLE ITEMS |
| M | Handtools and shop equipment |
| J | Pilferable item due to its size, shape and utility, which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by recoding the items to J |

m. UI (column e). Unit of Issue. Refer to AR 708-1 and/or CDA Pam 18-1 (Catalog Data Activity) for explanation of abbreviations used in this column.

n. QTY AUTH (column f). The quantity authorized to be on hand, or part of the end item.

o. QUANTITY (column g). Actual quantity on hand. Subcolumns A through Fare to be filled in by the receiving unit/personnel in accordance with DA Pam 710-2-1, chapter 6.

p. PAGE___OF___PAGES. Contains page number and total number of pages for the COEI, BII, and AAL portions of the hand receipt. Hand receipt holder will initial each page No. (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

4. AUTHORIZATION DOCUMENTS.

- a. Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).
- b. Basic Issue Items (BII) are authorized by the applicable operator's manual.
- c. Additional Authorization List (AAL) items are authorized by appropriate MTOE, TDA, CTA or JTA authorization documents.

5. SPECIAL INFORMATION. Items coded (.) indicate information is not available.

SECTION II. HAND RECEIPT

| | | | | | | | |
|--|-----------------------|---|--|----------------|---------------------------------|---------------------|--|
| HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i> | | FROM: | | TO: | | HAND RECEIPT NUMBER | |
| FOR ANNEX/CR ONLY | END ITEM STOCK NUMBER | END ITEM DESCRIPTION Water Distribution System (WDS) | PUBLICATION NUMBER TM 5-4610-228-13 | | PUBLICATION DATE 30 May 1986 | | QUANTITY |
| STOCK NUMBER <i>a.</i> | | ITEM DESCRIPTION <i>b.</i> | | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> <div style="display: flex; justify-content: space-between; font-size: small;"> <i>g.</i> QUANTITY </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> ABCDEF </div> |
| 4610-01-120-7529 | | STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER, | | | | | |
| | | HOSPITAL, 20,000 GAL (RDF); (97403) 13225E9128 | | N | | SE | |
| | | | | | | | |
| | | COMPONENTS OF END ITEM (COEI) | | | | | |
| | | | | | | | |
| 4320-01-120-7524 | | CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113 | | N | | EA | 1 |
| 4610-01-123-7705 | | CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117 | | N | | EA | 4 |
| 4610-01-140-6776 | | CONNECTION KIT: HOSE, 2IN (RDF) (97403) 13225E9132 | | N | | EA | 1 |
| 4610-01-123-0644 | | CONNECTION KIT: HOSPITAL (RDF) (97403) 13225E9129 | | N | | EA | 1 |
| 4610-01-141-8882 | | CONNECTION KIT: SINGLE TANK (RDF) (97403) 13225E9148 | | N | | EA | 1 |
| 4730-00-840-0797 | | COUPLING HALF, QUICK DISCONNECT: CAM LOCKING, | | N | | EA | 1 |
| | | MALE, EXTERNAL PIPE THREAD TYPE III, 4 INCH | | | | | |
| | | NOMINAL SIZE (96906) MS27022-17 | | | | | |
| 4730-00-088-9286 | | COUPLING HALF, QUICK DISCONNECT: CAM LOCKING | | N | | EA | 1 |
| | | FEMALE, INTERNAL PIPE THREAD, TYPE V, 4 INCH | | | | | |
| | | NOMINAL SIZE (96906) MS27024-17 | | | | | |
| ★ WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC). | | | | | | | |

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| STOCK NUMBER <i>a.</i> | ITEM DESCRIPTION <i>b.</i> | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> | QUANTITY <i>g.</i> | | | | | |
|---------------------------|---|----------------|------------------|-----------------|--------------------------|-----------------------|---|---|---|---|---|
| | | | | | | A | B | C | D | E | F |
| | WDS 20K COEI (CONTINUED) | | | | | | | | | | |
| 4610-01-250-3724 | HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME MOUNTED, AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW (9680) 1955-3 | N | | EA | 1 | | | | | | |
| 4610-01-175-0760 | KIT ACCESSORY: 20,000 GAL SYSTEM (RDF); (97403) 13225E9149 | N | | EA | 1 | | | | | | |
| 4730-00-825-9705 | NIPPLE, PIPE: RED BRASS, SEAMLESS 4-IN, DIA EXTERNAL PIPE THREAD TYPE II 6 IN. L (81348) | | | EA | 1 | | | | | | |
| 4320-01-156-3873 | PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH, WITH 2" DIA MALE AND FEMALE CAM LOCKING FITTINGS (81349) MIL-P-52109 | N | | EA | 1 | | | | | | |
| 5430-01-106-9678 | TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE 20,000 GAL CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029 | N | | EA | 1 | | | | | | |
| | BASIC ISSUE ITEMS (BII) | | | | | | | | | | |
| | MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM TM 5-4610-228-13 | | | EA | 1 | | | | | | |
| | ADDITIONAL AUTHORIZATION LIST (AAL) | | | | | | | | | | |
| 5340-00-066-1235 | ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541 | N | | EA | 1 | | | | | | |
| 7240-00-222-3088 | CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283 | N | | EA | 2 | | | | | | |

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| HAND RECEIPT / ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i> | | FROM: | | TO: | | | | HAND RECEIPT NUMBER | | | | | | | |
|--|-----------------------|--|---|-----|--|----------------|------------------|---------------------|--------------------------|--------------------|---|---|---|---|---|
| FOR ANNEX/CR ONLY | END ITEM STOCK NUMBER | END ITEM DESCRIPTION Water Distribution System (WDS) | PUBLICATION NUMBER TM 5-4610-228-13 | | PUBLICATION DATE 30 May 1986 | | | | QUANTITY | | | | | | |
| STOCK NUMBER <i>a.</i> | | ITEM DESCRIPTION <i>b.</i> | | | | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> | <i>g.</i> QUANTITY | | | | | |
| | | | | | | | | | | A | B | C | D | E | F |
| 4610-01-114-1451 | | STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER BRIGADE, | | | | | | | | | | | | | |
| | | 40,000 GAL (RDF) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | COMPONENTS OF END ITEM (COEI) | | | | | | | | | | | | | |
| 4610-01-120-7258 | | CONNECTION KIT: BAG FILLER (97403) 13225E9111 | | | | N | | EA | 1 | | | | | | |
| 4320-01-120-7524 | | CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113 | | | | N | | EA | 2 | | | | | | |
| 4320-01-120-7523 | | CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112 | | | | N | | EA | 1 | | | | | | |
| 4320-01-120-7526 | | CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR 50,000 GAL TANKS | | | | N | | EA | 1 | | | | | | |
| | | (RDF) (97403) 13225E9114 | | | | | | | | | | | | | |
| 4610-01-123-7705 | | CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117 | | | | N | | EA | 4 | | | | | | |
| 4610-01-140-6776 | | CONNECTION KIT: HOSE, 2 INCH (RDF) (97403) 13225E9132 | | | | N | | EA | 8 | | | | | | |
| 4610-01-250-3724 | | HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME | | | | N | | EA | 1 | | | | | | |
| | | MOUNTED, AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW | | | | | | | | | | | | | |
| | | (09680) 1955-3 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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★ WHEN USED AS A:
HAND RECEIPT, enter Hand Receipt Annex Number
HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

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WATER DISTRIBUTION SYSTEM

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| STOCK NUMBER a. | ITEM DESCRIPTION b. | ★ c. | SEC d. | UI e. | QTY AUTH f. | g. QUANTITY | | | | | |
|--------------------|---|---------|-----------|----------|-------------------|-------------|---|---|---|---|---|
| | | | | | | A | B | C | D | E | F |
| | WDS 40K COEI (CONTINUED) | | | | | | | | | | |
| 4610-01-120-7527 | KIT ACCESSORY: 40,000 GAL SYSTEM (RDF); (97403) 13225E9126 | N | | EA | 1 | | | | | | |
| 4320-01-156-3873 | PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH WITH | N | | EA | 2 | | | | | | |
| | 2" DIA MALE AND FEMALE CAM-LOCKING FITTINGS | | | | | | | | | | |
| | (81349) MIL-P-52109 | | | | | | | | | | |
| 4320-01-158-2954 | PUMP SELF-PRIMING, CENTRIFUGAL: 350 GPM AT 275 TDH WITH | N | | EA | 1 | | | | | | |
| | 4" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (97403) | | | | | | | | | | |
| | TL-MIL-P-52144/TA 13225E9200 | | | | | | | | | | |
| 5430-01-106-9678 | TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 20,000 GAL CAPACITY | N | | EA | 3 | | | | | | |
| | (FOR POTABLE WATER) (81349) MIL-T-53029 | | | | | | | | | | |
| 6630-01-336-9215 | COLOR COMPARATOR (97403) 13200E7400V | | | EA | 1 | | | | | | |
| | CASE, COLOR COMPARATOR (97403) 13216E9016V | | | | | | | | | | |
| | | | | | | | | | | | |
| | BASIC ISSUE ITEMS (BII) | | | | | | | | | | |
| | MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM | | | EA | 1 | | | | | | |
| | TM 5-4610-228-13 | | | | | | | | | | |
| 7520-00-559-9618 | CASE, COTTON DUCK (81349) MIL-C-11743 | | | | | | | | | | |
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|---|-----------------------|---|--|------------------|---------------------------------|-----------------------|--------------------------------------|
| HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i> | | FROM: | | TO: | | HAND RECEIPT NUMBER | |
| FOR ANNEX/CR ONLY | END ITEM STOCK NUMBER | END ITEM DESCRIPTION Water Distribution System (WDS) | PUBLICATION NUMBER TM 5-4610-228-13 | | PUBLICATION DATE 30 May 1986 | QUANTITY | |
| STOCK NUMBER <i>a.</i> | | ITEM DESCRIPTION <i>b.</i> | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> | QUANTITY <i>g.</i> A B C D E F |
| 4610-01-114-1453 | | STORAGE/DISTRIBUTION SYSTEM: POTABLE, WATER, | | | SE | | |
| | | DIVISION, 300,000 GAL (RDF) (97403) 13225E9127 | | | | | |
| | | | | | | | |
| | | COMPONENTS OF END ITEM (COEI) | | | | | |
| 4610-01-120-7528 | | CONNECTION KIT: BAG FILLER (97403) 13225E9111 | N | | EA | 1 | |
| 4320-01-120-7524 | | CONNECTION KIT: 125 GPM PUMP (RDF) (97403) | N | | EA | 2 | |
| | | 13225E9113 | | | | | |
| 4320-01-120-7523 | | CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112 | N | | EA | 2 | |
| 4320-01-120-7526 | | CONNECTION KIT: DUAL TANKS. 10,000, 20,000 OR 50,000 | N | | EA | 8 | |
| | | GAL TANKS (RDF) (97403) 13225E9117 | | | | | |
| 4610-01-123-7705 | | CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117 | N | | EA | 4 | |
| 4610-01-140-6776 | | CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132 | N | | EA | 4 | |
| 4610-01-140-6775 | | CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133 | N | | EA | 2 | |
| | | | | | | | |
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★ WHEN USED AS A:
HAND RECEIPT, enter Hand Receipt Annex Number
HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

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WATER DISTRIBUTION SYSTEM

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| STOCK NUMBER <i>a.</i> | ITEM DESCRIPTION <i>b.</i> | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> | QUANTITY <i>g.</i> | | | | | |
|---------------------------|--|----------------|------------------|-----------------|--------------------------|-----------------------|---|---|---|---|---|
| | | | | | | A | B | C | D | E | F |
| | WDS 300K COEI (CONTINUED) | | | | | | | | | | |
| 4610-01-250-3724 | HYPOCHLORINATION UNIT: WATER PURIFICATION, FRAME MOUNTED, AUTOMATICALLY CONTROLLED 2 TO 350 GPM FLOW (09680) 1955-3 | N | | EA | 2 | | | | | | |
| 4610-01-120-7522 | INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF): (97403) 13225E9115 | N | | EA | 2 | | | | | | |
| 4610-01-120-7525 | KIT ACCESSORY: 20,000, 50,000 GAL TANKS (RDF) (97403) 134225E9125 | N | | EA | 1 | | | | | | |
| 4320-01-156-3873 | PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH WITH 2" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (81349) MIL-P-52109 | N | | EA | 2 | | | | | | |
| 4320-01-158-2954 | PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT 275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (97403) TL-MIL-P-52144/ TA 13225E9200 | N | | EA | 3 | | | | | | |
| 5430-01-106-9678 | TANK FABRIC, COLLAPSIBLE: PILLOW TYPE 20,000 GAL CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029 | N | | EA | 16 | | | | | | |
| | | | | | | | | | | | |
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|---|-----------------------|--|---|--|--|------------------|-----------------|---------------------------------|-----------------------|----------|---|---|---|---|
| HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i> | | | FROM: | | | TO: | | | HAND RECEIPT NUMBER | | | | | |
| FOR ANNEX/CR ONLY | END ITEM STOCK NUMBER | | END ITEM DESCRIPTION Water Distribution System (WDS) | | PUBLICATION NUMBER TM 5-4610-228-13 | | | PUBLICATION DATE 30 May 1986 | | QUANTITY | | | | |
| STOCK NUMBER <i>a.</i> | | ITEM DESCRIPTION <i>b.</i> | | | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> | QUANTITY <i>g.</i> | | | | | |
| | | | | | | | | | A | B | C | D | E | F |
| | | WDS 300K BASIC ISSUE ITEMS (BII) | | | | | | | | | | | | |
| | | MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM | | | | | EA | 1 | | | | | | |
| | | TM 5-4610-228-13 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | ADDITIONAL AUTHORIZATION LIST (AAL) | | | | | | | | | | | | |
| 5340-00-066-1235 | | ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541 | | | N | | EA | 5 | | | | | | |
| 7240-00-222-3088 | | CAN: GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283 | | | N | | EA | 16 | | | | | | |
| 5430-01-168-0589 | | CHEST, WATER, TANK (90598) 13225E9111 | | | N | | EA | 8 | | | | | | |
| 5411-01-132-1269 | | SHELTER, EQUIPMENT, MULTIPURPOSE (TRICON) | | | N | | EA | 10 | | | | | | |
| | | (81349) MIL-S-28633 | | | | | | | | | | | | |
| 7240-00-177-6154 | | SPOUT, CAN FLEXIBLE (81349) MIL-S-1285 | | | N | | EA | 8 | | | | | | |
| | | | | | | | | | | | | | | |
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★ WHEN USED AS A:

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

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| | | | | | | | | | | | | | | | |
|--|-----------------------|---|---|--|--|--|------------------|-----------------|---------------------------------|-----------------------|----------|---|---|---|---|
| HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i> | | | FROM: | | | TO: | | | HAND RECEIPT NUMBER | | | | | | |
| FOR ANNEX/CR ONLY | END ITEM STOCK NUMBER | | END ITEM DESCRIPTION Water Distribution System (WDS) | | | PUBLICATION NUMBER TM 5-4610-228-13 | | | PUBLICATION DATE 30 May 1986 | | QUANTITY | | | | |
| STOCK NUMBER <i>a.</i> | | ITEM DESCRIPTION <i>b.</i> | | | | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> | QUANTITY <i>g.</i> | | | | | |
| | | | | | | | | | | A | B | C | D | E | F |
| 4610-01-114-1450 | | STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER, | | | | N | | SE | | | | | | | |
| | | 800,000 GAL (RDF) (97403) 13225E9124 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | COMPONENTS OF END ITEM (COEI) | | | | | | | | | | | | | |
| 4610-01-120-7528 | | CONNECTION KIT: BAG FILLER (97403) 13225E9111 | | | | N | | EA | 1 | | | | | | |
| 4320-01-120-7524 | | CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113 | | | | N | | EA | 2 | | | | | | |
| 4320-01-120-7523 | | CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112 | | | | N | | EA | 2 | | | | | | |
| 4320-01-120-7526 | | CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR | | | | N | | EA | 8 | | | | | | |
| | | 50,000 GAL TANKS (RDF) (97403) 13225E9114 | | | | | | | | | | | | | |
| 4610-01-123-7705 | | CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117 | | | | N | | EA | 4 | | | | | | |
| 4610-01-140-6776 | | CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132 | | | | N | | EA | 6 | | | | | | |
| 4610-01-140-6775 | | CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133 | | | | N | | EA | 2 | | | | | | |
| 4610-01-250-3724 | | HYPOCHLORINATION UNIT: WATER PURIFICATION, | | | | N | | EA | 2 | | | | | | |
| | | FRAME MOUNTED AUTOMATICALLY CONTROLLED | | | | | | | | | | | | | |
| | | 2 TO 350 GPM FLOW (09680) 1955-3 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| ★ WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC). | | | | | | | | | | | | | | | |

TM 5-4610-228-10-HR

WATER DISTRIBUTION SYSTEM

18

| STOCK NUMBER <i>a.</i> | ITEM DESCRIPTION <i>b.</i> | ★ <i>c.</i> | SEC <i>d.</i> | UI <i>e.</i> | QTY AUTH <i>f.</i> | QUANTITY <i>g.</i> | | | | | |
|---------------------------|--|----------------|------------------|-----------------|--------------------------|-----------------------|---|---|---|---|---|
| | | | | | | A | B | C | D | E | F |
| | WDS 800K COEI (CONTINUED) | | | | | | | | | | |
| 4610-01-120-7522 | INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF) | N | | EA | 2 | | | | | | |
| | (97403) 13225E9115 | | | | | | | | | | |
| 4610-01-120-7525 | KIT ACCESSORY: 20,000 AND 50,000 GAL TANKS | N | | EA | 1 | | | | | | |
| | (RDF) (97403) 13225E9125 | | | | | | | | | | |
| 4320-01-156-3873 | PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT | N | | EA | 2 | | | | | | |
| | 50 TDH, WITH 2" DIA MALE AND FEMALE | | | | | | | | | | |
| | CAM-LOCKING FITTINGS (81349) MIL-P-52109 | | | | | | | | | | |
| 4320-01-158-2954 | PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT | N | | EA | 3 | | | | | | |
| | 275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING | | | | | | | | | | |
| | FITTINGS (97403) TL-MIL-P-42144/TA13225E9200 | | | | | | | | | | |
| 5430-01-106-9677 | TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 50,000 GAL | N | | EA | 16 | | | | | | |
| | CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029 | | | | | | | | | | |
| | | | | | | | | | | | |
| | BASIC ISSUE ITEMS (BII) | | | | | | | | | | |
| | MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM | | | EA | 1 | | | | | | |
| | TM 5-4610-228-13 | | | | | | | | | | |
| | | | | | | | | | | | |
| | ADDITIONAL AUTHORIZATION LIST (AAL) | | | | | | | | | | |
| 5340-00-066-1235 | ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541 | N | | EA | 5 | | | | | | |
| 7240-00-222-3088 | CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283 | N | | EA | 16 | | | | | | |

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[illegible]

TM 5-4610-228-10-HR

| | | | | | | | |
|---|-----------------------|---|--|---------------|---------------------------------|---------------------|---|
| HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i> | | FROM: | | TO: | | HAND RECEIPT NUMBER | |
| FOR ANNEX/CR ONLY | END ITEM STOCK NUMBER | END ITEM DESCRIPTION Water Distribution System (WDS) | PUBLICATION NUMBER TM 5-4610-228-13 | | PUBLICATION DATE 30 May 1986 | QUANTITY | |
| STOCK NUMBER <i>a</i> | | ITEM DESCRIPTION <i>b</i> | | * <i>c</i> | SEC <i>d</i> | UI <i>e</i> | QTY AUTH <i>f</i> <div style="display: flex; justify-content: space-between; font-size: small;"> QUANTITY <div> <i>g</i> A B C D E F </div> </div> |
| 4610-01-114-1450 | | STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER, | | N | | SE | |
| | | 1,000,000 GAL (RDF) (97403) 13225E9119 | | | | | |
| | | | | | | | |
| | | COMPONENTS OF END ITEM (COEI) | | | | | |
| 4610-01-120-7528 | | CONNECTION KIT: BAG FILLER (97403) 13225E9111 | | N | | EA | 1 |
| 4320-01-120-7524 | | CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113 | | N | | EA | 1 |
| 4320-01-120-7523 | | CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112 | | N | | EA | 2 |
| 4320-01-120-7526 | | CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR | | N | | EA | 10 |
| | | 50,000 GAL TANKS (RDF) (97403) 13225E9114 | | | | | |
| 4610-01-123-7705 | | CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117 | | N | | EA | 4 |
| 4610-01-140-6776 | | CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132 | | N | | EA | 6 |
| 4610-01-140-6775 | | CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133 | | N | | EA | 2 |
| 4610-01-250-3724 | | HYPOCHLORINATION UNIT: WATER PURIFICATION, | | N | | EA | 2 |
| | | FRAME MOUNTED AUTOMATICALLY CONTROLLED | | | | | |
| | | 2 TO 350 GPM FLOW (09680) 1955-3 | | | | | |
| | | | | | | | |

* WHEN USED AS A:

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

WATER DISTRIBUTION SYSTEM

22

| STOCK NUMBER <i>a</i> | ITEM DESCRIPTION <i>b</i> | ★ <i>c</i> | SEC <i>d</i> | UI <i>e</i> | QTY AUTH <i>f</i> | QUANTITY <i>g</i> | | | | | |
|--------------------------|--|---------------|-----------------|----------------|-------------------------|----------------------|---|---|---|---|---|
| | | | | | | A | B | C | D | E | F |
| | WDS 1,000,000 GAL COEI (CONTINUED) | | | | | | | | | | |
| 4610-01-120-7522 | INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF) | N | | EA | 2 | | | | | | |
| | (97403) 13225E9115 | | | | | | | | | | |
| 4610-01-120-7525 | KIT ACCESSORY: 20,000 AND 50,000 GAL TANKS (RDF) | N | | EA | 1 | | | | | | |
| | (97403) 13225E9125 | | | | | | | | | | |
| 4320-01-156-3873 | PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT | N | | EA | 1 | | | | | | |
| | 50 TDH, WITH 2" DIA MALE AND FEMALE | | | | | | | | | | |
| | CAM-LOCKING FITTINGS (81349) MIL-P-52109 | | | | | | | | | | |
| 4320-01-158-2954 | PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT | N | | EA | 3 | | | | | | |
| | 275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING | | | | | | | | | | |
| | FITTINGS (97403) TL-MIL-P-52144/TA13225E9200 | | | | | | | | | | |
| 5430-01-106-9677 | TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 50,000 GAL | N | | EA | 20 | | | | | | |
| | CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029 | | | | | | | | | | |
| | | | | | | | | | | | |
| | BASIC ISSUE ITEMS (BII) | | | | | | | | | | |
| | MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM | | | EA | 1 | | | | | | |
| | TM 5-4610-228-13 | | | | | | | | | | |
| | | | | | | | | | | | |
| | ADDITIONAL AUTHORIZATION LIST (AAL) | | | | | | | | | | |
| 5340-00-066-1235 | ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541 | N | | EA | 4 | | | | | | |
| 7240-00-222-3088 | CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283 | N | | EA | 14 | | | | | | |

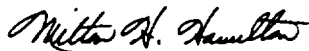
TM 5-4610-228-10-HR

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TM 5-4610-228-10-HR

By Order of the Secretary of the Army:

Official:



MILTON H. HAMILTON
*Administrative Assistant to the
Secretary of the Army*

03578

GORDON R. SULLIVAN
*General, United States Army
Chief of Staff*

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DOPE ABOUT IT ON THIS
FORM, CAREFULLY TEAR IT
OUT, FOLD IT AND DROP IT
IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEANARDWOOD, MO 63108

DATE SENT

PUBLICATION NUMBER

TM 5-4610-228-10-HR

PUBLICATION DATE

30 July 1990

PUBLICATION TITLE

WATER DISTRIBUTION SYSTEM

BE EXACT. PIN-POINT WHERE IT IS

| PAGE NO | PARA- GRAPH | FIGURE NO | TABLE NO |
|------------|----------------|--------------|-------------|
| 6 | 2-1 a | | |
| B1 | | 4-3 | |
| 125 | line 20 | | |

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the
manual states the engine has
6 Cylinders. The engine on my
set only has 4 Cylinders.
Change the manual to show 4
Cylinders.

Callout 16 on figure 4-3 is
pointing at a bolt. In key
to figure 4-3, item 16 is called
a shim - Please correct
one or the other.

I ordered a gasket, item
19 on figure B-16 by NSN
2 910-05-762-3001. I got a
gasket but it doesn't fit.
Supply says I got what
I ordered, so the NSN is
wrong. Please give me a
good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE

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U.S. ARMY AVIATION AND TROOP COMMAND
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ST. LOUIS, MO 63120-1798

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigram = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

| To change | To | Multiply by | To change | To | Multiply by |
|---------------|--------------------|-------------|--------------------|---------------|-------------|
| inches | centimeters | 2.540 | ounce-inches | newton-meters | .007062 |
| feet | meters | .305 | centimeters | inches | .394 |
| yards | meters | .914 | meters | feet | 3.280 |
| miles | kilometers | 1.609 | meters | yards | 1.094 |
| square inches | square centimeters | 6.451 | kilometers | miles | .621 |
| square feet | square meters | .093 | square centimeters | square inches | .155 |
| square yards | square meters | .836 | square meters | square feet | 10.764 |
| square miles | square kilometers | 2.590 | square meters | square yards | 1.196 |
| acres | square hectometers | .405 | square kilometers | square miles | .386 |
| cubic feet | cubic meters | .028 | square hectometers | acres | 2.471 |
| cubic yards | cubic meters | .765 | cubic meters | cubic feet | 35.315 |
| fluid ounces | milliliters | 29.573 | cubic meters | cubic yards | 1.308 |
| pints | liters | .473 | milliliters | fluid ounces | .034 |
| quarts | liters | .946 | liters | pints | 2.113 |
| gallons | liters | 3.785 | liters | quarts | 1.057 |
| ounces | grams | 28.349 | liters | gallons | .264 |
| pounds | kilograms | .454 | grams | ounces | .035 |
| short tons | metric tons | .907 | kilograms | pounds | 2.205 |
| pound-feet | newton-meters | 1.356 | metric tons | short tons | 1.102 |
| pound-inches | newton-meters | .11296 | | | |

Temperature (Exact)

| | | | | |
|----|------------------------|----------------------------|---------------------|----|
| °F | Fahrenheit temperature | 5/9 (after subtracting 32) | Celsius temperature | °C |
|----|------------------------|----------------------------|---------------------|----|

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